

25X1

TOP SECRET

PRELIMINARY ELINT REPORT
Mission A-2009

1. Reference is made to page-size overlay SC/OI-17-56 and its accompanying base map. The combination of the map and overlay depicts the flight track of Mission A-2009 and shows time and selected check and turning points.

2. All statements in this preliminary report are based upon such observations as could be made by two analysts separately monitoring the two information channels while making a copy of the tape. No machine measurements have been made as yet because of concentration of effort on higher priority target areas.

3. On the penetration legs of the flight, TOYEN activity was very sporadic and never dense. There were large sections of the inbound legs where no signals were heard at all although the equipment was evidently working satisfactorily. On the outbound legs, TOKEN activity was continuous and varied in intensity from moderate to heavy. At all times one antenna or the other was receiving from two to five TOYENS.

4. On two occasions (0717 Z and 0846 Z) short bursts of WPIFF fire control radar were intercepted but no indication of lock-on was noted.

5. There are several unidentified signals in this mission. Complete machine analysis will be undertaken as soon as possible.

25X1

TOP SECRET

A-2009

2 July 1956

Token interception on this flight was very sporadic and usually not very dense except in the area around Bucharest and north to Ushored. There were large sections of the flight track where no signals were heard at all although the equipment was evidently functioning satisfactorily.

South of Bucharest and near Ushored there were several bursts of WHIFF fire control radar but no lock-on was noted.

There were several intercepts of as yet unidentified signals possibly coming from precision heightfinder type radar.